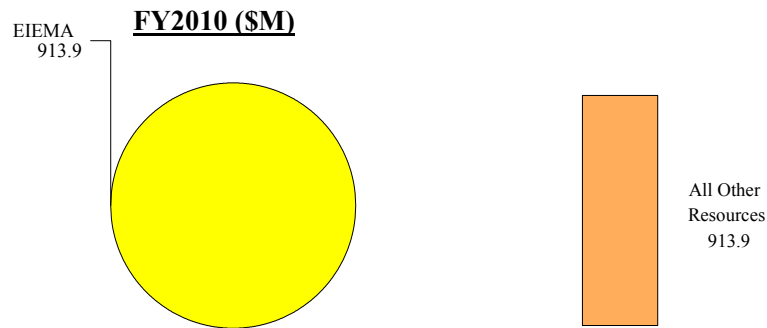


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Mission Area

Defense Business Area Breakout

FY09/10PB Comparison (\$M)

	<u>FY2009</u>	<u>FY2010</u>
PB FY2009:	\$ 972.3	\$ 993.1
PB FY2010:	\$ 951.9	\$ 913.9
Delta:	\$-20.4	\$-79.2

Explanation:

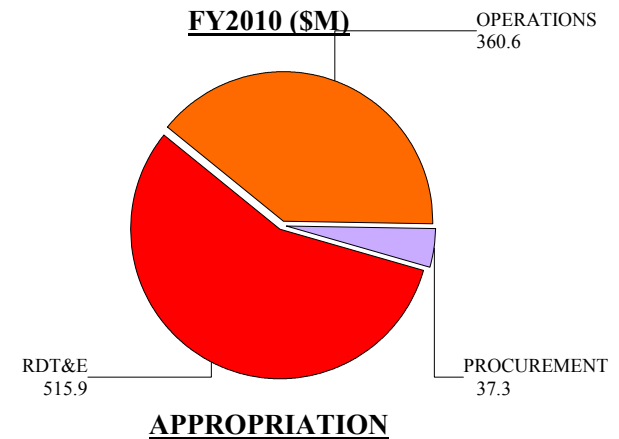
Refer to 'Significant Changes' section of the Overview

FY09 to FY10 Comparison (\$M)

	<u>FY2009</u>	<u>FY2010</u>	<u>Delta</u>
PB FY2010:	\$ 951.9	\$ 913.9	\$-38.0

Explanation:

Refer to 'Significant Changes' section of the Overview



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Executive Summary

The primary focus of the National Security Agency (NSA) Information Systems Security Program (ISSP) resources, after ensuring that the immediate Information Assurance (IA) needs of U.S. warfighters are met, is to transform IA capabilities and infrastructures. NSA products and services are developed and implemented to ensure that the fundamental tenets of IA (i.e., confidentiality, availability, integrity, authenticity, and non-repudiation) are assured for Net-centric operations.

Net-centricity is critical to transformation, and a secured Global Information Grid is the cornerstone of the process. To achieve security to the edge and make Joint Vision 2020 and full spectrum dominance a reality, it will require dedication and commitment by all. Information Assurance provides warfighters, commanders, and users the confidence and trust they demand.

To achieve the IA capabilities that will enable network-centric operations, DoD has developed an IA Strategic Plan. The plan provides a roadmap for DoD to successfully achieve the following goals: Protect Information, Defend Systems and Networks, Provide Integrated IA Situational Awareness/Command and Control (C2), Transform and Enable IA Capabilities, and Create an IA Empowered Workforce. NSA's FY2009 ISSP advances each of these goals.

Significant Changes

FY2009 to FY2010 Comparison Summary

The NSA ISSP top line decreased approximately \$35.8M from FY2009 to FY2010. This augmentation reflects the changes in FY2009 to FY10 due to economic adjustments and pass-through reductions.

Changes in FY2009 and 2010 between FY2009 PB submission and FY2010 PB submission.

FY2009 total increased approximately \$6.9M due to the Congressional Appropriations Bills increase to the program.

FY2010 total decreased approximately \$49.8M due to the pass-through reductions and economic adjustments made to the program.

Defense Business Systems

A number of development activities will provide IA capabilities with applications for Defense Business Systems (DBS). However, no specific DBS are being developed with NSA ISSP dollars.

Information Assurance Activities

Summary of individual IA activities paid for by NSA ISSP dollars. These activities are organized according to DoD's IA Strategic Plan goals and objectives.

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Protect Information - Example programs include: Cross Domain Solutions; Commercial Solutions and Releasable Products; Cryptographic Modernization Program Management Office and Warfighter Solutions; Custom Solutions for Special Operations, DoD Public Key Infrastructure; Edge System Solutions Engineering; Key Management Infrastructure (KMI) and KMI Operations and Sustainment; Microelectronics; Mission and Network Systems; Nuclear Command and Control; Net-centric Security Technology; Network Encryption Products; Protective Technologies; and Space and Weapons Systems.

Defend Systems and Networks - Example programs include: Advanced Network Operations; Operational Network Analysis and Vulnerability Mitigation; and Technology Analysis and Vulnerability Mitigation.

Provide Integrated Situational Awareness/IA Command and Control - Example programs include: Mission Analysis and Vulnerability Mitigation; NSA/CSS Threat Operations Center; and Vulnerability Analysis, Technology and Integration.

Transform and Enable IA Capabilities - Example programs include: Advanced Computing Systems; Ubiquitous Secure Collaboration; Client Engagement and Community Outreach; National Information Assurance Partnership; and IA Center for Communications Research.

Create and IA Empowered Workforce - An example program is the National INFOSEC Education and Training Program.

General Support - Example programs include: IA Information Technology Services, IA Installations and Logistics Services, and IA Mission Support.

Major Accomplishments

FY08 Major Accomplishments:

For national security reasons, the majority of the products and services that The National Security Agency (NSA) engages in throughout the year are classified. To get additional and detailed descriptions of the major accomplishments achieved by the NSA during FY 2008, please refer to the FY 2010/2011 Congressional Justification Book.

The National Security Agency (NSA) has implemented the Information Assurance (IA) Directorate (IAD) Expeditionary Force (IEF) in order to increase IA knowledge and security posture throughout the nation and the world. NSA IEF representatives play a significant role in shaping customer's information security posture. Their IA work brings them in direct contact with senior Multi-National Forces - Iraq (MNF-I) warfighters. Working long hours and weekends in marginal living conditions, they have no complaints. In fact, all past deployees consider the experience a significant career highlight, and most volunteer to serve as "hot spares" willing to deploy again in the event of an emergency. IEF personnel provide expertise and reach back to the NSA on products and services, key management, system readiness reviews, technical security measures, COMSEC handling, secure voice, wireless, IAD special ops, etc. and they identify opportunities to further enable IA tactical operations in Iraq in addition to numerous other duties.

The National Security Agency (NSA) performed the first comprehensive assessment of the Navy/Marine Corps Internet (NMCI). The security evaluation results, presented to the Navy by the assessment team, provided invaluable information for understanding the strengths and weaknesses of their current information assurance capabilities, a view into their network they had not previously had.

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The National Security Agency's Information Assurance Directorate's Space and Weapons Office (SWSO) has begun the process of writing and coordinating doctrine for CARIBOU, the preferred command authentication system for use in non-Department of Defense (DoD) space systems. CARIBOU is the only cryptographic system currently approved by NSA for use by the National Aeronautic and Space Administration and other clients like them.

Two NSA employees joined other award recipients from the Center for Internet Security (CIS), the United States Air Force (USAF), and the Office of Management and Budget (OMB) to accept the National Information Security Leadership Award at a special ceremony at the National Press Club. This award follows a recent memorandum from OMB to all federal agency chief information officers (CIO) to implement a standard desktop configuration for Microsoft XP or Vista. This mandate is a significant milestone in the history of information technology security that will help protect every desktop in the government. The OMB mandate was based directly on the configuration guidelines that NSA, in partnership with the Defense Information Systems Agency, National Institute of Standards and Technology, and Microsoft, developed as part of its support to the USAF.

As part of the overall Information Assurance mission that includes detecting, reporting, and responding to cyber threats, the Vulnerability Analysis group within NSA's Information Assurance Directorate was honored in the private sector with the prestigious SC Magazine Editor's Choice Award. The result of a number a number of large scale initiatives, to include working with the US Air Force and Microsoft to examine and provide security-setting recommendations for Microsoft's new Vista operating system; shaping the development of security standards for vulnerability naming and identification, such as the Open Vulnerability and Assessment Language (OVAL), Common Vulnerabilities and Exposures (CVE) and Common Weakness Enumeration (CWE) standards; promoting the use of vulnerability standards to make system vulnerability identification easier for government agencies; and providing leadership to other service providers in security analysis and testing. VAO has set up tool and data sharing standards, organized and hosted community events, such as the Cyber Defense Exercise and the Red and Blue Symposium, and developed common training and certification programs.

The NSA Commercial Solutions Center (NCSC) High Assurance Network Security (HANS) I development (a.k.a. the SafeNet SafeXcel 3340) is the first-ever successful implementation of a dual-use strategy for cryptographic modules. The HANS I program delivers cost effective, cutting edge technology to our High Assurance Internet Protocol Encryptor (HAIZE) products with government-off-the-shelf algorithms, while allowing the same vendors to offer similar commercial-off-the-shelf Internet Protocol Security, virtual private network products for homeland defense, civil agencies, and critical infrastructure protection. The HANS I also offers the benefit of embedding Type 1 encryption into commercial information technology products such as routers, switches, and firewalls, as well as increasing the security of commercial products through the sharing of high assurance design techniques.

Culminating an unprecedented eight months of exercise planning and coordination, The United States Military Academy (USMA) beat the competition to win the NSA 2007 Information Assurance Directorate Cyber Defense Exercise (CDX). CDX 2007 tested and evaluated the information assurance knowledge of Cadets and Midshipmen enrolled in Computer Science programs at the armed forces service academies. The US Air Force Academy attempted to win the trophy for a third straight year, but fell short in their quest to "3-peat," as the USMA won for the first time since 2002. Because previous CDXs generated interest beyond the military service academies, this year the Air Force Institute of Technology (AFIT) asked to participate in a "non-scoring" capacity. AFIT split their Computer Science Department into two teams and competed against each other for bragging rights within the Department. Several high-level DoD and military officials visiting the exercise expressed interest in having the Naval Post-Graduate School participate in future CDXs and provide competition for AFIT.

Major Planned Activities

FY09 Major Planned Activities:

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For national security reasons, the majority of the products and services that The National Security Agency (NSA) engages in throughout the year are classified. To get additional and detailed descriptions of the major planned activities for NSA, please refer to the FY 2010/2011 Congressional Justification Book.

The Mission and Network Systems program will provide guidance and support for Certification, Test, and Evaluation (CT&E) efforts, as well as help with risk assessments and other information systems security engineering needs relating to Cross Domain Solutions (CDS). Provide for sustainment of the Risk Decision Authority Criteria (RDAC), as well as CDS risk assessments for the Cross Domain Technical Advisory Board (CDTAB) and DISN Security Accreditation Working Group. Continue development, deployment, and sustainment of CASTER to support CT&E's, Cross Domain Appendices, and Risk Decision Authority Criteria risk assessment activities.

The Net-centric Security Technologies program will provide Information Assurance (IA) consulting services and guidance on the implementation of commercial networking products. Provide security assessment reports on commercial products. Investigate, analyze, and report on the IA technology trends for emerging commercial products/technologies. Develop recommended security standards and implementation guidance for commercial products supporting the collapse of coalition information sharing architectures. Identify and develop solutions using existing technology and support testing and deployment of those solutions in support of the Intelligence Community, the Department of Defense, and the Department of Homeland Security.

NSA's Public Key Infrastructure (PKI) program will continue the development of Robust Certificate Validation Services (RCVS) nodes to include protocols such as Server Certificate Validation Protocol (SCVP). Continue to develop an interoperability infrastructure to establish trust with external PKI's to include Federal Agencies, the Intelligence Community, and business partners. Continue to develop Second Source Certification Authority, Government developed PKI applets, Biometrics Integration, and distribute PKI root certificates. Continue to develop monitoring capability for Red Hat Certificate Management Systems and develop second phase monitoring system capabilities.

The Cryptographic Modernization Program Management Office will continue to support and oversee the entire Cryptographic Modernization (CM) Program, which includes the creation and modification of CM and Joint Staff policies and design guidance as well as ensure that the individual NSA and Service CM program offices follow CM design specifications. Continue to support the Global Information Grid (GIG) IA development.

The Commercial Solutions and Releasable Products program will design and develop foreign releasable cryptographic products that provide interoperability between the U.S. and allies. Continue to support the development of associated technologies that support foreign release, including protective techniques, electronic key distribution, embedded features, and public key exchanges.

The Edge Systems Solution Engineering program will complete High Assurance Platform (HAP) Release 2 reference implementation pilot with integrated single level data sharing and centralized management at Special Operation Command and Pacific Command under leader/follower contracts using commercial trusted computing technologies and standards. Continue work with industry to lead and influence trusted computing technology and solutions through participation in the Trusted Computing Group. Continue to enhance Secure Mobile Environment Portable Electronic Device. New capabilities could include new Radio Frequency modules, satellite communications, and HAP technology.

The Advanced Computing Research program will continue to promote ideation in the creation of new chip multiprocessors technologies that will benefit the missions of NSA in

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cryptology, digital signal processing, filtering and selection, intrusion detection, knowledge discovery, voice recognition, natural language machine translation, and event simulation. Continue to grow the reputation and capabilities of the interim Center for Exceptional Computing.

The National Information Assurance Partnership (NIAP) will continue to maintain the NIAP Validated Products list. The NIAP Validated Products list is updated and maintained on an unclassified website by the NIAP office and is used by the entire U.S. Government community as a single U.S. government source for NIAP Common Criteria evaluated IA products. Per CNSS Acquisition policy #11 (commonly referred to as NSTISSP 11), National Security Community customers must purchase IA products that have been Common Criteria evaluated so this list is critical to Federal Government Acquisition agents to verify IA products that can be purchased for implementation on critical National Security Community networks.

Global Information Grid (GIG) / Net-Centricity

NSA's FY2010 IA Program provides for critical IA operations and development of IA capabilities to support the GIG and Net-centric operations in the following areas: Assured Information Sharing; Highly Available Enterprise; Confidentiality; Defend the GIG; Assured Mission Management; and Foundational.

Assured Information Sharing (AIS) provides the ability to dynamically and securely share information at multiple classification levels. Enables the exchange of information within and between security domains and Communities of Interest (COIs). Also enables the timely, automated, and flexible creation and management of COIs. Programs enabling Assured Information Sharing include: Cross Domain Solutions; Security Enabled Applications and Operating Systems; Controlled Sharing and Mobility Research; and High Assurance Platform.

Highly Available Enterprise assures GIG computing and communications resources, services, and information are available and accessible to support net-centric operations. Allocation and prioritization of resources must be based on mission needs and situational awareness. FY2009 funding in this area is focused on the development of High Availability Networking components.

Confidentiality ensures information is not made available/disclosed to unauthorized individuals, entities, devices, or processes. Confidentiality within the GIG shall include data at rest, data in transit, and data in processing. Programs enabling Confidentiality include: High Assurance Internet Protocol Encryptor; Cryptographic Engines, Modules and Tokens; Network Encryption Products; Secure Wired/Wireless; Protective Technologies; and Media Encryptors (data at rest).

Defend the GIG monitors, analyzes, detects, and responds to unauthorized activity, as well as unintentional, non-malicious user errors within the DoD information systems and networks. Efforts include Mission and Technical Vulnerability and Systems and Network Analysis Center.

Assured Mission Management provides security management capabilities and infrastructures to support enterprise security functions. In addition, it ensures that attack responses and system configuration updates do not adversely affect prioritized mission operations. It also enables assured management and control of GIG communications and computer resources, services and information. Also provides Net-Centric provisioning for IA components across the Enterprise. Efforts encompass Electronic Key Management System and Key Management Infrastructure Operations and Sustainment.

Foundational Activities include initiatives that transcend all Capability Areas. Activities include: IA Education and Training; IA Solutions Support Infrastructure, Policy/Doctrine,

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Information Systems Security Engineering; Communications and Web Solutions; and managing the GIG IA Portfolio.

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

NATIONAL SECURITY AGENCY RESOURCE SUMMARY:

----- Dollars in Thousands -----		
<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
793,810	951,869	913,852

0016 - PROTECT INFORMATION - COALITION INTEROPERABILITY (IA G1 CI)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	336	5,609	2,705

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement, DW	BA 01 MAJOR EQUIPMENT	CYBER SECURITY INITIATIVE	0	10,768	0

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	34,702	31,305	27,648
RDT&E, DW	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	18,143	17,602
Sub Total:			34,702	49,448	45,250

Initiative Resource Summary:

35,038	65,825	47,955
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0020 - SITUATIONAL AWARENESS/C2 - COMPUTER NETWORK DEFENSE (IA G3 CND)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 3: IA SITUATIONAL AWARENESS / C2

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	58,518	61,263	49,453

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

0020 - SITUATIONAL AWARENESS/C2 - COMPUTER NETWORK DEFENSE (IA G3 CND) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 3: IA SITUATIONAL
 AWARENESS / C2

Operations (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement, DW	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	4,038	1,754	2,161
RDT&E					
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	35,011	48,677	39,220
RDT&E, DW	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	4,500	5,507
Sub Total:			35,011	53,177	44,727
Initiative Resource Summary:			97,567	116,194	96,341

0034 - IA SITUATIONAL AWARENESS/C2 (IA G3)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 3: IA SITUATIONAL
 AWARENESS / C2

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	9,982	10,034	12,344

RDT&E

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

0034 - IA SITUATIONAL AWARENESS/C2 (IA G3) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 3: IA SITUATIONAL
 AWARENESS / C2

RDT&E (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	2,353	4,008	6,472
Initiative Resource Summary:			12,335	14,042	18,816

0042 - IA GENERAL SUPPORT (IA GS)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA OTHER: GENERAL SUPPORT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	64,097	62,889	46,153

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement, DW	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	11	0	0

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	3,321	2,557	2,707
Initiative Resource Summary:			67,429	65,446	48,860

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

1030 - Key Management Infrastructure (KMI)

Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	0	0	0

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303136G KEY MANAGEMENT INFRASTRUCTURE (KMI)	51,759	49,435	41,002

Initiative Resource Summary:

51,759	49,435	41,002
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6401 - CREATE IA-EMPOWERED WORKFORCE - TRAINING (IA G5 TNG)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 5: CREATE IA-EMPOWERED WORKFORCE

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	14,937	18,262	19,376

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	224	5,347	633

Initiative Resource Summary:

15,161	23,609	20,009
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6404 - DEFEND SYSTEMS & NETWORKS - COMPUTER NETWORK DEFENSE (IA G2 CND)

Non-Major

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

6404 - DEFEND SYSTEMS & NETWORKS - COMPUTER NETWORK DEFENSE (IA G2 CND) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 2: DEFEND SYSTEMS AND NETWORKS

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	10,310	26,030	38,861

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement, DW	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	256	90	0

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	7,445	8,088	9,376

Initiative Resource Summary:

18,011	34,208	48,237
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6405 - DEFEND SYSTEMS & NETWORKS (IA G2)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 2: DEFEND SYSTEMS AND NETWORKS

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	7,422	11,125	6,910

RDT&E

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

6405 - DEFEND SYSTEMS & NETWORKS (IA G2) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 2: DEFEND SYSTEMS AND NETWORKS

RDT&E (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	49,903	49,990	51,296
Initiative Resource Summary:			57,325	61,115	58,206

6407 - PROTECT INFORMATION - CRYPTOGRAPHIC MODERNIZATION (IA G1 CM)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	617	632	441

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	34,554	23,713	30,381
Initiative Resource Summary:			35,171	24,345	30,822

6408 - PROTECT INFORMATION (IA G1)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

6408 - PROTECT INFORMATION (IA G1) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	123,124	134,963	118,410

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement, DW	BA 01 MAJOR EQUIPMENT	CYBER SECURITY INITIATIVE	0	2,792	0
Procurement, DW	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	3,346	2,531	1,735
Sub Total:			3,346	5,323	1,735

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	168,846	168,635	181,227
RDT&E, DW	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	22,330	16,422
Sub Total:			168,846	190,965	197,649

Initiative Resource Summary:

295,316	331,251	317,794
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6413 - TRANSFORM & ENABLE IA CAPABILITIES (IA G4)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 4: TRANSFORM AND ENABLE IA CAPABILITIES

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>

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6413 - TRANSFORM & ENABLE IA CAPABILITIES (IA G4) (Continued)

Non-Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 4: TRANSFORM AND
ENABLE IA CAPABILITIES

Operations (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	34,559	43,920	52,365

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement, DW	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	439	117	117

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303140G INFORMATION SYSTEMS SECURITY PROGRAM	56,448	60,814	59,356

Initiative Resource Summary:

91,446	104,851	111,838
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6456 - PROTECT INFORMATION - PUBLIC KEY INFRASTRUCTURE (IA G1 PKI)

Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	CLASSIFIED AND INTELLIGENCE	7,923	12,119	13,576

Procurement

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

6456 - PROTECT INFORMATION - PUBLIC KEY INFRASTRUCTURE (IA G1 PKI) (Continued)

Major

GIG Category: INFORMATION ASSURANCE ACTIVITIES - IA GOAL 1: PROTECT INFORMATION

Procurement (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Procurement, DW	BA 01 MAJOR EQUIPMENT	CYBER SECURITY INITIATIVE	0	17,946	33,302
Procurement, DW	BA 01 MAJOR EQUIPMENT	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	0	0	0
Sub Total:			0	17,946	33,302

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0303135G PUBLIC KEY INFRASTRUCTURE (PKI)	9,329	15,532	8,116
RDT&E, DW	BA 07 OPER SYS DEV	0305103G CYBER SECURITY INITIATIVE	0	15,951	18,978
Sub Total:			9,329	31,483	27,094
Initiative Resource Summary:			17,252	61,548	73,972